

**11295900 PINECREST LAKE AT PINECREST, CA**

San Joaquin River Basin

LOCATION.--Lat 38°11'57", long 119°59'20" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec.15, T.4 N., R.18 E., Tuolumne County, Hydrologic Unit 18040010, in Stanislaus National Forest, on south side of intake tower, 400 ft upstream from dam on South Fork Stanislaus River, and 0.7 mi north of Pinecrest.

DRAINAGE AREA.--26.6 mi<sup>2</sup>.

**WATER-STAGE RECORDS**

PERIOD OF RECORD.--October 1985 to current year. Unpublished records for water years 1981-85 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder since July 14, 1992. Oct. 1, 1985, to July 13, 1992, nonrecording gage read once daily. Datum of gage is NGVD of 1929 (levels by Pacific Gas and Electric Company).

REMARKS.--Reservoir is formed by concrete-faced, rockfill dam, completed in 1916; storage began in 1916. Capacity, 18,312 acre-ft, between elevations 5,498.7 ft, outlet drain, and 5,617.5 ft, top of flash boards in spillway. Released water flows down South Fork Stanislaus River to diversion dam for Philadelphia Canal (station 11297000) for use at Spring Gap Powerplant on Middle Fork Stanislaus River. Figures given, including extremes, represent total contents. Records since July 14, 1992, including extremes, represent total contents at 2400 hours. See schematic diagram of Stanislaus River Basin.

COOPERATION.--Records were collected by Pacific Gas and Electric Company, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2130.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 18,582 acre-ft, June 5, 1997, elevation, 5,618.39 ft; minimum, 380 acre-ft, estimated, Jan. 30, Feb. 24, 25, 2002, elevation unknown.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 18,300 acre-ft, July 7-18, maximum elevation, 5,617.57 ft, July 8; minimum, 4,490 acre-ft, Jan. 17, 18, minimum elevation, 5,548.00 ft, Jan. 18.

Capacity table (elevation, in feet, and contents, in acre-feet)  
(Based on table provided by Pacific Gas and Electric Company, dated 1938)

Elevation	Contents	Elevation	Contents	Elevation	Contents
5,520	792	5,550	3,534	5,580	8,576
5,530	1,558	5,560	4,738	5,600	13,537
5,540	2,475	5,570	6,395	5,618.5	18,615

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**RESERVOIR STORAGE, ACRE FEET**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11,300	7,850	6,080	4,820	4,850	4,710	5,510	11,100	17,600	18,100	17,700	15,500
2	11,100	7,770	6,020	4,780	4,830	4,700	5,600	11,500	17,500	18,000	17,700	15,400
3	11,000	7,710	5,950	4,750	4,820	4,690	5,640	11,900	17,400	18,000	17,600	15,300
4	10,800	7,640	5,880	4,710	4,810	4,670	5,680	12,400	17,400	17,900	17,500	15,200
5	10,700	7,560	5,810	4,670	4,800	4,660	5,730	13,100	17,400	18,100	17,500	15,000
6	10,600	7,480	5,760	4,630	4,790	4,660	5,920	13,400	17,400	18,100	17,400	14,900
7	10,400	7,400	5,700	4,610	4,770	4,680	6,100	13,700	17,500	18,300	17,400	14,800
8	10,300	7,350	5,660	4,600	4,750	4,760	6,200	14,200	17,500	18,300	17,400	14,700
9	10,100	7,290	5,630	4,590	4,720	4,860	6,260	14,800	17,600	18,300	17,300	14,500
10	9,940	7,260	5,610	4,630	4,690	5,010	6,330	15,000	17,600	18,300	17,200	14,300
11	9,780	7,250	5,600	4,630	4,660	5,180	6,450	15,300	17,600	18,300	17,200	14,200
12	9,610	7,210	5,600	4,610	4,670	5,380	6,610	15,600	17,600	18,300	17,100	14,000
13	9,460	7,160	5,590	4,580	4,660	5,570	6,730	16,300	17,800	18,300	17,100	13,900
14	9,360	7,090	5,560	4,550	4,650	5,700	6,820	16,800	17,900	18,300	17,000	13,800
15	9,210	7,020	5,520	4,520	4,670	5,770	6,960	17,600	17,900	18,300	16,900	13,600
16	9,040	6,940	5,480	4,510	4,780	5,810	7,230	18,000	17,700	18,300	16,900	13,500
17	8,930	6,890	5,430	4,490	4,810	5,850	7,570	17,700	17,600	18,300	16,900	13,300
18	8,920	6,850	5,390	4,490	4,810	5,850	7,850	17,700	17,600	18,300	16,800	13,200
19	8,920	6,810	5,350	4,500	4,800	5,900	8,020	17,700	17,600	18,200	16,700	13,100
20	8,880	6,740	5,310	4,520	4,800	5,880	8,160	17,600	17,900	18,200	16,700	12,900
21	8,740	6,680	5,270	4,540	4,810	5,790	8,350	17,500	18,000	18,200	16,700	12,800
22	8,650	6,620	5,210	4,570	4,810	5,770	8,610	17,500	18,000	18,200	16,600	12,700
23	8,570	6,550	5,160	4,590	4,790	5,630	8,840	17,500	18,000	18,200	16,600	12,500
24	8,540	6,490	5,100	4,620	4,780	5,420	9,030	17,500	18,000	18,200	16,500	12,400
25	8,470	6,430	5,040	4,720	4,760	5,170	9,220	17,600	17,900	18,200	16,500	12,200
26	8,400	6,360	4,990	4,850	4,750	5,170	9,520	17,600	17,900	18,200	16,400	12,100
27	8,320	6,330	4,950	4,890	4,730	5,260	9,870	17,600	17,900	18,100	16,200	12,000
28	8,220	6,280	4,930	4,900	4,720	5,330	10,100	17,600	18,000	18,000	16,100	11,900
29	8,120	6,220	4,890	4,890	---	5,360	10,400	17,400	18,000	17,900	15,900	11,700
30	8,040	6,160	4,870	4,870	---	5,390	10,700	17,500	18,100	17,800	15,800	11,600
31	7,940	---	4,850	4,860	---	5,430	---	17,600	---	17,800	15,600	---
Max	11,300	7,850	6,080	4,900	4,850	5,900	10,700	18,000	18,100	18,300	17,700	15,500
Min	7,940	6,160	4,850	4,490	4,650	4,660	5,510	11,100	17,400	17,800	15,600	11,600
<b>Gage height, in feet, at end of month</b>												
	5,577.23	5,568.79	5,560.84	5,560.89	5,559.89	5,564.74	5,588.99	5,614.98	5,616.68	5,615.62	5,607.83	5,592.44
<b>Change in contents, in acre-feet</b>												
	-3,460	-1,780	-1,310	+10	-140	+710	+5,270	+6,900	+500	-300	-2,200	-4,000

	Calendar Year 2004	Water Year 2005
Max	18,400	18,300
Min	3,260	4,490
Change in contents, in acre-feet	+760	+200

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